

AMENDMENTS TO THE CLAIMS

1(Original). A composition comprising a peptido-mimetic of a carbohydrate ligand of an adhesion molecule in a physiologically acceptable carrier

2(Original). The composition according to claim 1, wherein said adhesion molecule is a selectin.

3(Original). The composition according to claim 1, wherein said ligand is a Lewis antigen.

4(Original). The composition according to claim 3, wherein the Lewis antigen is selected from the group consisting of SA-Le^a, SA-LeX, and LeY

5(Original). The composition according to claim 2, wherein said adhesion molecule is E-selectin and said ligand is SA-Le^a or SA-LeX.

6(Original). The composition according to claim 5, wherein said peptido-mimetic is selected from the group consisting of:

ASAVNLYIPTQE SEQ ID NO 84, VYLAPGRISRDI SEQ ID NO:85,
VYLAPGRFSRDI SEQ ID NO:86, CTSHWGVLSQRR SEQ ID NO:87,
RVLSPESYLGPS SEQ ID NO:88, RVLSPESYLGPA SEQ ID NO:89,
VGNGVLMGRRG SEQ ID NO:90, RVLSPESYLGPA SEQ ID NO:92,
GNCRYIGLRQFG SEQ ID NO 93, DIRVEPGGGYTH SEQ ID NO:94,
APIHTYTGRARG SEQ ID NO 96, and RHTCVRSCGHDR SEQ ID NO:97.

7(Original) The composition according to claim 4, wherein said Lewis antigen is Le^Y and said peptido-mimetics are selected from the group consisting of TKRPDLIVDPIP SEQ ID NO:98, DEVRPDLISTEE SEQ ID NO:99, NLRPKYIXLDAD SEQ ID NO:100, and TLIAFADLVDVI SEQ ID NO:101.

8(Original) The composition according to claim 4, wherein said Lewis antigen is SA-Le^a and said peptido-mimetics are selected from the group consisting of VGIWSVVSEGSR SEQ ID NO:102, RCSVGVPFTMES SEQ ID NO:103, QDGVWEHVLEGG, SEQ ID NO:104, DLWDWVVGKPAG SEQ ID NO:1, VELSGRGGGLCTW SEQ ID NO:105, VIGAASHDEDVD SEQ ID NO:106, TIEPVLAEMFMG SEQ ID NO:107, DKETFELGLFDR SEQ ID NO:108, FSGVRGVYESRT SEQ ID NO:109, PDDAPMHSTRVE SEQ ID NO:110, STGLMVDFLEPG SEQ ID NO:91, AKTFGLEHGCEA SEQ ID NO:95, GGTVEVWSIKGG SEQ ID NO:115, DHFSQAGSSNHH SEQ ID NO:116, DDPVTPVIDFGK SEQ ID NO:117, AND RDGLIDFVVAGT SEQ ID NO:118.

9(Original) The composition according to claim 1, wherein said peptido-mimetics are modified to enhance stability or enhance adhesion molecule binding.

Claims 10-43. (Canceled)